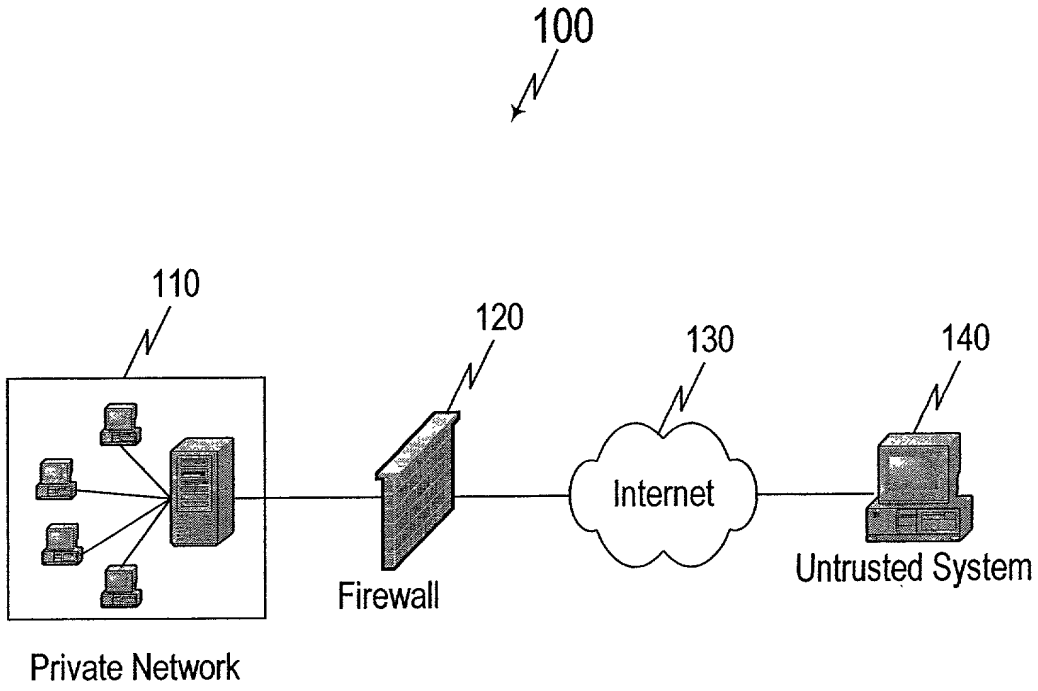
100
110
120
130
140
Internet
Private Network
Firewall
Untrusted System

FIG. 1

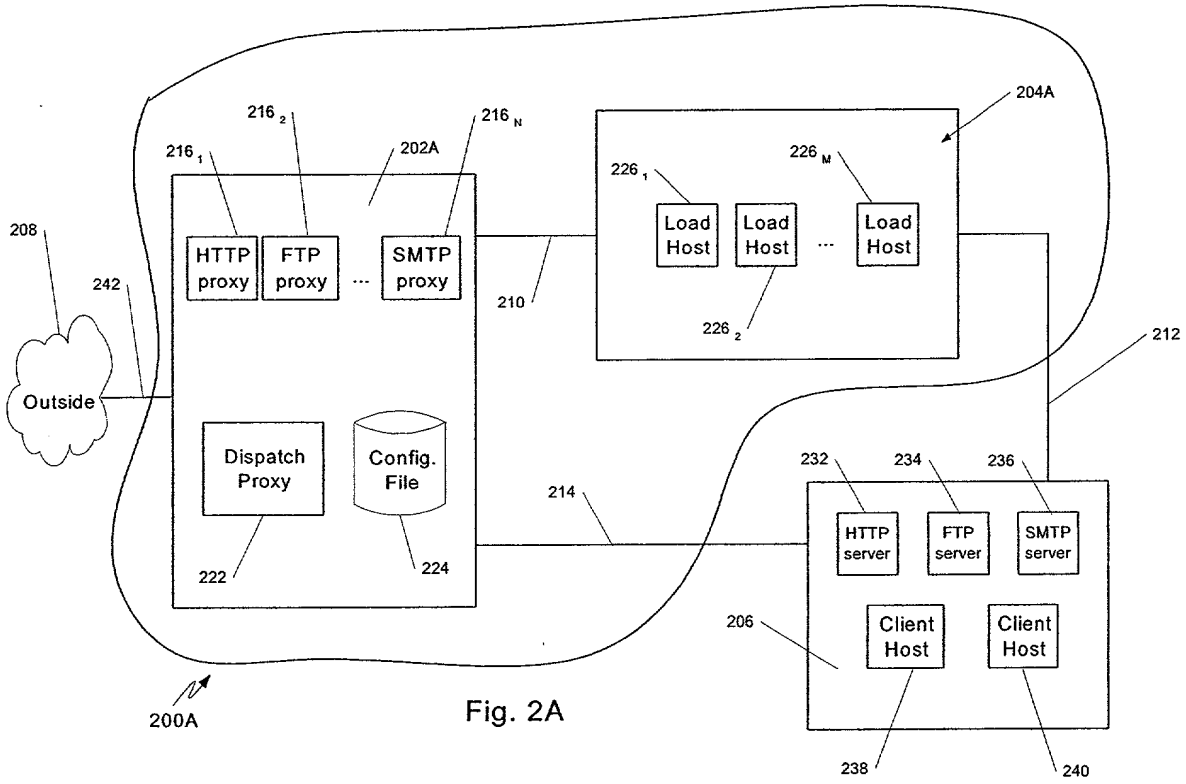
208
242
Outside
216 1
216 2
216 N
202A
HTTP proxy
FTP proxy
SMTP proxy
210
204A
226 1
226 M
Load Host
Load Host
Load Host
226 2
212
Dispatch Proxy
Config. File
222
224
214
232
234
236
HTTP server
FTP server
SMTP server
206
Client Host
Client Host
238
240
200A

Fig. 2A

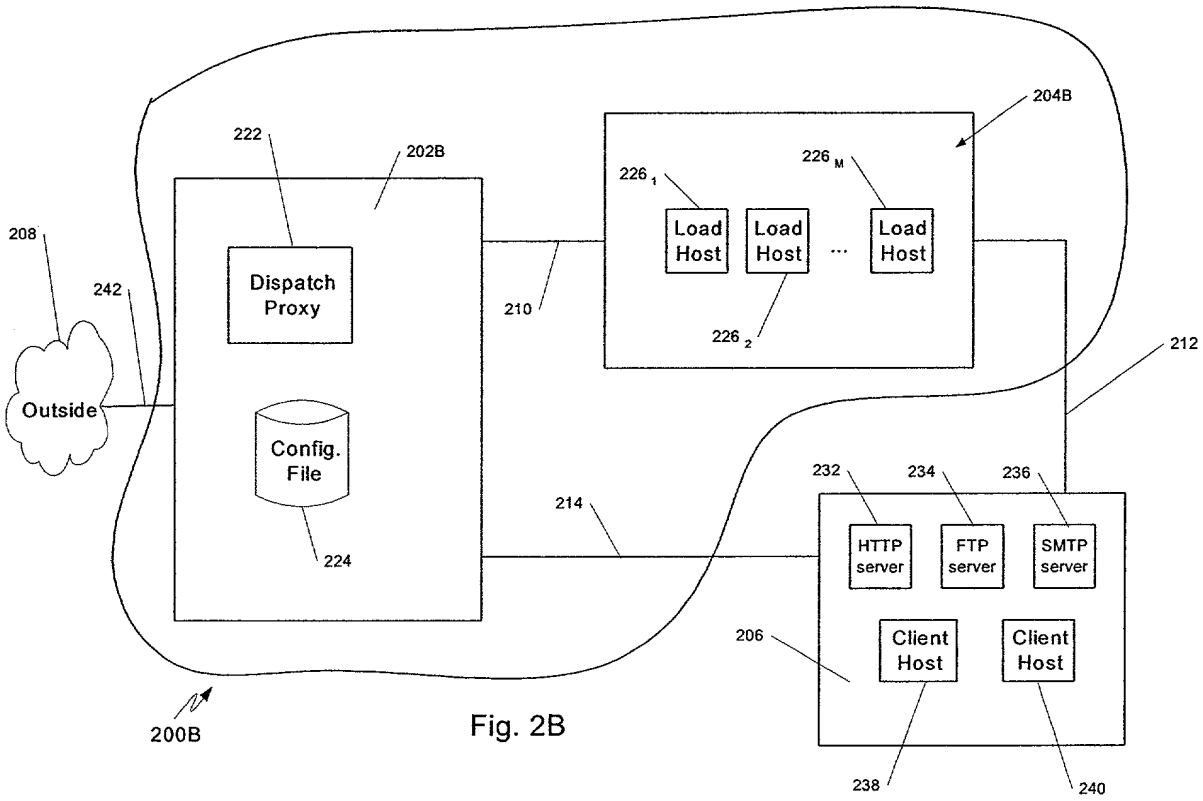
204B
222
202B
226 1
226 M
Load Host
Load Host
Load Host
208
242
Dispatch Proxy
210
226 2
212
Outside
Config. File
214
232
234
236
HTTP server
FTP server
SMTP server
206
Client Host
Client Host
200B
238
240

Fig. 2B

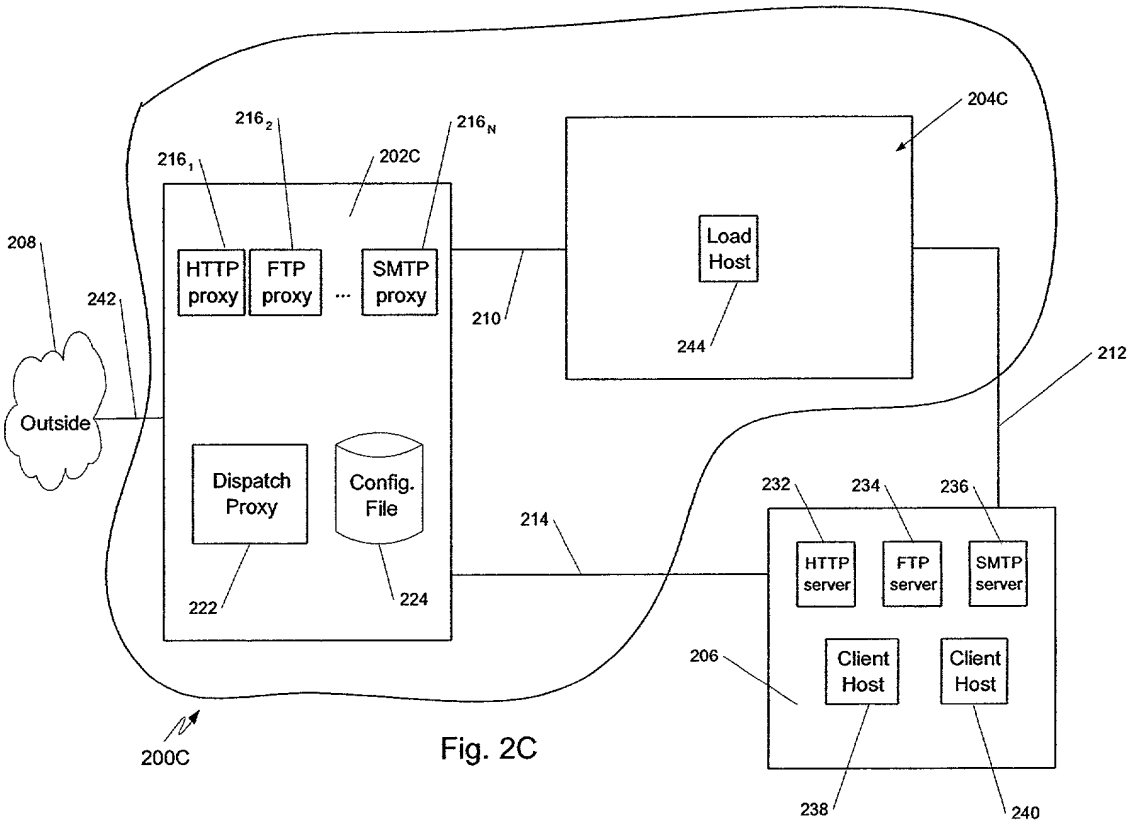
208
242
Outside
216_1
216_2
216_N
202C
HTTP proxy
FTP proxy
SMTP proxy
210
204C
Load Host
244
212
Dispatch Proxy
Config. File
222
224
214
232
234
236
HTTP server
FTP server
SMTP server
206
Client Host
Client Host
238
240
200C

Fig. 2C

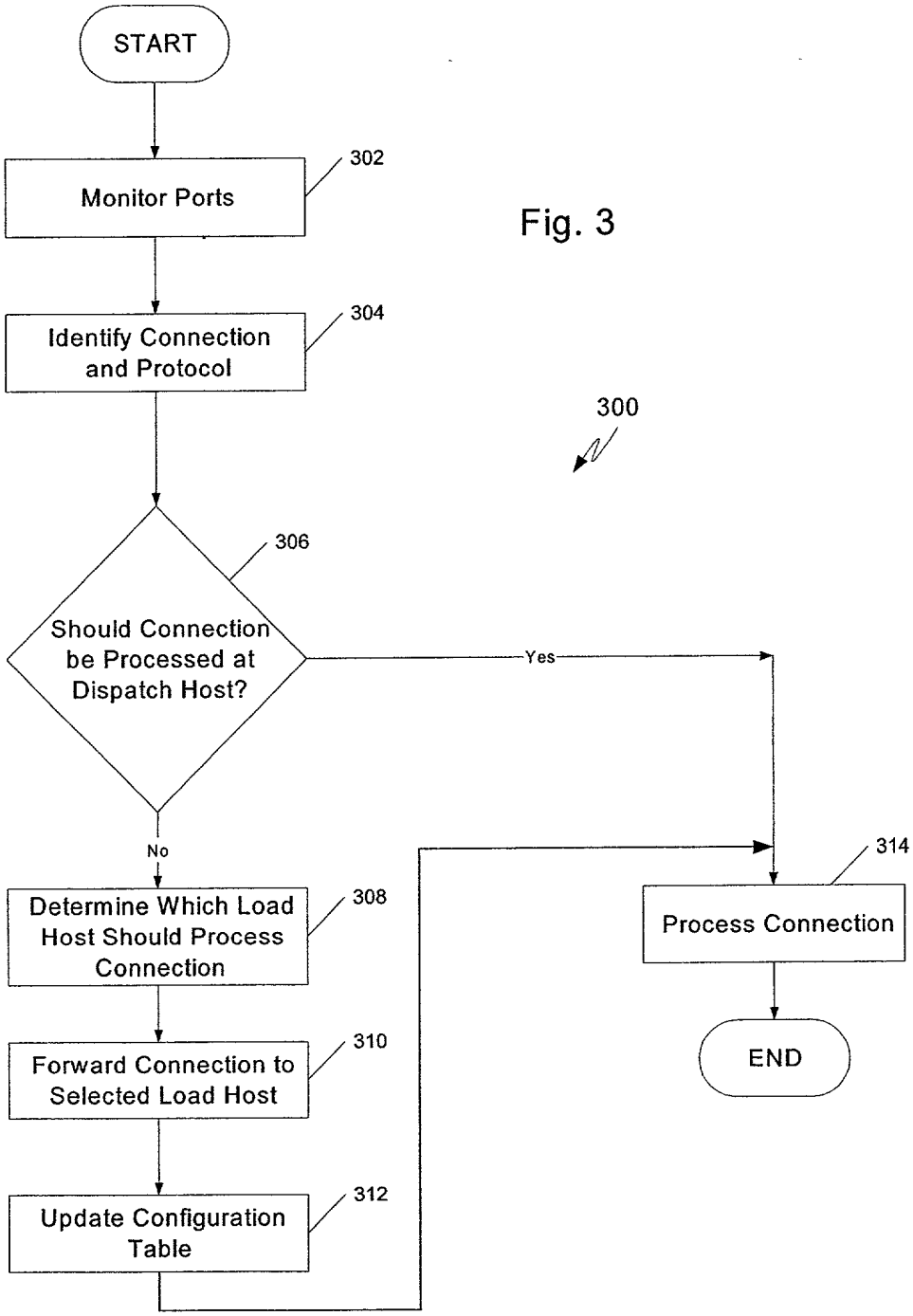
START
Monitor Ports
302
Identify Connection and Protocol
304
300
Should Connection be Processed at Dispatch Host?
306
Yes
No
Determine Which Load Host Should Process Connection
308
Forward Connection to Selected Load Host
310
Update Configuration Table
312
Process Connection
314
END

Fig. 3